





CC LENGTH: 965 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: unknown  
CC TOPOLOGY: unknown  
CC MOLECULE TYPE: DNA (genomic)  
SQ SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.

Query Match  
Best Local Similarity 12.5%; Pred. No. 3.35e-08;  
Matches 19; Conservative 76; Mismatches 55; Indels 2; Gaps 2;

Db 782 URUHVYSGVRSSTSTSTADY--TTSYMGVNRGRMGDYGGYTNNYNGKRGVYTMDDSS 840  
CP 4298 TGCAGAGGGGCTCCCTCCATGTCAGCGGAGATGATGAGACTGCGCTCATACT 4239  
Db 841 NSRSYTAADTAVYVCYRGYSYDSDGDYGGTTVYSSHUVKDMTSSSASVGDVRYTC 900  
CP 4238 TGTCTTCTCCACTGTGTACTGATCATCCACAG-ACCTGGGCTTCGACACAGAACTGG 4180  
Db 901 RSSTHNGNTYTYWYKAKARYVSNRSGVRS 932  
CP 4179 GGCGGCTCGCTAGTCCAGCTTGCTTCTCTGC 4148

RESULT 4  
ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.  
AC xxxxxx

DE Sequence 5, Application US/08238163  
CC Sequence 5, Application US/08238163  
CC Patent No. 5569830  
CC GENERAL INFORMATION:  
CC APPLICANT: BENNETT, Alan  
CC APPLICANT: LABAVITCH, John M.  
CC APPLICANT: POWELL, Ann  
CC APPLICANT: STOTZ, Henrik  
CC TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL  
CC TITLE OF INVENTION: POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE  
CC NUMBER OF SEQUENCES: 24  
CC CORRESPONDENCE ADDRESSES:  
CC ADDRESSEE: Townsend and Townsend Kourie and Crew  
CC STREET: Stewart Street Tower, One Market Plaza  
CC CITY: San Francisco  
CC STATE: California  
CC COUNTRY: US  
CC ZIP: 94105-1493  
CC COMPUTER READABLE FORM:  
CC MEDIUM TYPE: Floppy disk  
CC COMPUTER: IBM PC compatible  
CC OPERATING SYSTEM: PC-DOS/MS-DOS  
CC SOFTWARE: Patentin Release #1.0, Version #1.25  
CC CURRENT APPLICATION DATA:  
CC APPLICATION NUMBER: US/08/238,163  
CC FILING DATE: 03-MAY-1994  
CC CLASSIFICATION: 800  
CC ATTORNEY/AGENT INFORMATION:  
CC NAME: Bastian, Kevin L.  
CC REGISTRATION NUMBER: 34,774  
CC REFERENCE/DOCKET NUMBER: 2307E-540  
CC TELECOMMUNICATION INFORMATION:  
CC TELEPHONE: (415) 543-9600  
CC TELEFAX: (415) 543-5043  
CC INFORMATION FOR SEQ ID NO: 5:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 215 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: single  
CC TOPOLOGY: unknown  
CC MOLECULE TYPE: protein  
CC FEATURE:  
CC NAME/KEY: misc\_feature  
CC LOCATION: 1..215  
CC OTHER INFORMATION: /standard\_name="Deduced amino acid"

CC OTHER INFORMATION: sequence of PCIP from bean."  
SQ SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

Query Match  
Best Local Similarity 14.1%; Pred. No. 1.49e-07;  
Matches 28; Conservative 76; Mismatches 93; Indels 1; Gaps 1;

Db 8 SSSVSRATSCNDKARKKDGNTTSSWTTDCNRTWGVCDIDTTYRVNDSCHNRYSSANYN 67  
QY 4397 GGCGCTAAAGACGACGAGAGGCTGCTGACTTGGCAGAGAGGTGACGACCATCGAGCCC 4456  
Db 68 YGANNVGAATHYTHYTHNVSAGASKTYTDSYNASGSSSSNGTGDNRSGADSYGSSRYTAM 127  
QY 4457 CTCCCGCAACCATGATGCTGGGAGCGCTCTCCCTCCCTCCGCCGCCACCTCCCAACTTTC 4516  
Db 128 TSNRTGTGTANNVYDSRNMDSAVSGDPKNTKR-AKNSADGKVGSKNNGDPNNRYGTGR 186  
QY 4517 TGATGAACTCAGCTGATCTCAGACTCTGAGAAAGATGCGATGTCTTCCAGAGAG 4576  
Db 187 SNVSNNGGNGKRDVSSY 204  
QY 4577 CTAAGCGACTTGCGCC 4594

RESULT 5  
ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.  
AC xxxxxx

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CC TELECOMMUNICATION INFORMATION:  
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CC TELEFAX: (415) 543-5043  
CC INFORMATION FOR SEQ ID NO: 5:  
CC SEQUENCE CHARACTERISTICS:  
CC LENGTH: 215 base pairs  
CC TYPE: nucleic acid  
CC STRANDEDNESS: single  
CC TOPOLOGY: unknown  
CC MOLECULE TYPE: protein  
CC FEATURE:  
CC NAME/KEY: misc\_feature  
CC LOCATION: 1..215  
CC OTHER INFORMATION: /standard\_name="Deduced amino acid"









